E.J. Malone
Powder Mill Fish Hatchery (NH Fish&Game)
288 Merrymeeting Road
New Durham NH 03855

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 177101

Client Identification: December Quarterlies

Date Received: 12/14/2017

Report revision/reissue: Revision, replaces report dated 12/22/2017

Revision information: NH3 results have been included with this report, at customers request.



Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

Date

of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE



EAI ID#: 177101

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: December Quarterlies

Temperature upon receipt (°C): 2.0

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Date

Date Sample % Dry

Received Sampled Matrix Weight Exceptions/Comments (other than thermal preservation)

Lab ID Sample ID 177101.01 Outfall 001

12/14/17 12/14/17

aqueous

Adheres to Sample Acceptance Policy

177101.02 Outfall 002

itfall 002

12/14/17 12/14/17

aqueous

Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT



EAI ID#: 177101

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: December Quarterlies

Sample ID:	Outfall 001	Outfall 002	
Lab Sample ID:	177101.01	177101.02	
Matrix:	aqueous	aqueous	
Date Sampled:	12/14/17	12/14/17	Analysis
Date Received:	12/14/17	12/14/17	RL Units Date Time Method Analyst
Solids Suspended	< 2	2	2 mg/L 12/20/17 10:00 2540D-97 ATA
Nitrite-N	< 0.5	< 0.5	0.5 mg/L 12/15/17 10:16 353.2 KD
Nitrate-N	< 0.5	< 0.5	0.5 mg/L 12/15/17 10:16 353.2 KD
TKN	0.6	0.7	0.5 mg/L 12/18/17 12:51 4500N _{org} C/N SEL
Total Phosphorus-P	0.02	0.04	0.01 mg/L 12/15/17 12:22 365.1 SEL
BOD	< 3	< 3	3 mg/L 12/15/17 15:33 5210B-01 SWC
Ammonia-N	0.10	0.16	0.05 mg/L 1/10/18 12:01 TM NH3-001 SEL

CHAIN-OF-CUSTODY RECORD

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

	Quote #:	REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR GWP, OIL FUND, BROWNFIELD OR OTHER:	PROJECT #: De COM DE / QUENTER:	SITE NAME:	E-MAIL edward maline @ wildlife	PHONE: 603 859 2041	CITY: New Durham	ADDRESS: 288 Merry meeting Rd	PROJECT MANAGER: ET Malane	PRESERVATIVE: H-HCL; N-HNO;; S-H ₂ SO ₄ ; Na-NaOH; M-MEOH	Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drinking Water; WW-Waste water			·					Out fall 002	Out Pall 00/	SAMPLE I.D.	
	P0 #:	POTW Stormwater or ld or Other:	# T. 105		5	EXT.:	STATE: NH ZIP:	Rd Hatchey	11	-NaOH; M-MEOH	SW-SURFACE WATER; DW-DRINKING								082421-12/14/17 12/13/17-12/14/17	13/17 -	 	
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			1942 radical per customer	<u>.</u>	* per customer - 75 oth Samples	NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)	№		PB, CU									•			Notes	

Eastern Analytical, Inc. professional laboratory and drilling services

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(WHITE: ORIGINAL GREEN: PROJECT MANAGER)